

COPY OF PAPERS
ORIGINALLY FILED

3753
ATMI-522

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kevin T. O'Dougherty

Application No.: 09/880,472

Customer No. 25559

Filed: June 13, 2001

Examiner: TBA

Group Art Unit: 3753

Confirmation No. 5213

Title: LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION
STORAGE

Certificate of Mailing

Date of Deposit: April 16, 2002

I hereby certify that this paper or fee is being deposited with the
United States Postal Service, postage prepaid, Addressee" service
under 37 CFR 1.8 on the date indicated above and is addressed to the
Asst. Commissioner for Patents, Washington, DC 20231.

Lee Ann DiLello

(Typed or printed name of person mailing paper or fee)

Lee Ann DiLello
(Signature of person mailing paper or fee)

RECEIVED

MAY 09 2002

GROUP 3600

RECEIVED

APR 23 2002

TECHNOLOGY CENTER (P. 700)

**SUBMISSION OF STATEMENT UNDER 37 CFR 3.73(B) IN RESPONSE TO NOTICE
REGARDING POWER OF ATTORNEY IN U.S. APPLICATION 09/880,472**

Asst. Commissioner for Patents
Washington, DC 20231

Attn: BOX MISSING PART

Sir:

RECEIVED

MAY 09 2002

GROUP 3600

In response to the April 5, 2002 Notice Regarding Power of Attorney wherein a Certificate Under 37 CFR 3.73(b) is required. Enclosed herewith is a Statement Under 37 CFR 3.73(b) identifying the chain of title from the inventors to the current assignee. Copies of the Assignments in the chain are attached.

Applicant does not believe that any additional fee is due in connection with the foregoing.

However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,

A handwritten signature in black ink, reading "Margaret Chappuis". The signature is written in a cursive style with a large, stylized 'M' and 'C'.

Margaret Chappuis
Registration No. 45,735
Agent for Applicant

ADVANCED TECHNOLOGY MATERIALS, INC.
7 Commerce Drive
Danbury, CT 06810
Phone: 203-794-1100
Attorney Ref No. ATMI-522

Filed: June 13, 2001

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

**COPY OF PAPERS
ORIGINALLY FILED**

- RECEIVED

APR 29 1964

- TECHNOLOGY Center for...

B. ☒ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

RECEIVED

MAY 09 2002

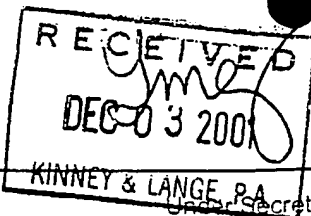
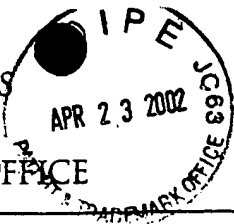
Margaret Chappon
Signature

Typed or printed name

Title



UNITED STATES
PATENT AND
TRADEMARK OFFICE



NOVEMBER 20, 2001

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

KINNEY & LANGE, P.A.
PAUL P. KEMPF
312 SOUTH THIRD STREET
MINNEAPOLIS, MINNESOTA 55415-1002

COPY OF PAPERS
ORIGINALLY FILED



101849804A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/17/2001

REEL/FRAME: 012170/0087
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

O'DOUGHERTY, KEVIN T.

DOC DATE: 08/28/2001

ASSIGNOR:

ANDREWS, ROBERT E.

DOC DATE: 09/04/2001

ASSIGNEE:

ATMI

10779 HAMPSHIRE AVENUE SOUTH
MINNEAPOLIS, MINNESOTA 55438-2359

SERIAL NUMBER: 09880472
PATENT NUMBER:

FILING DATE: 06/13/2001
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

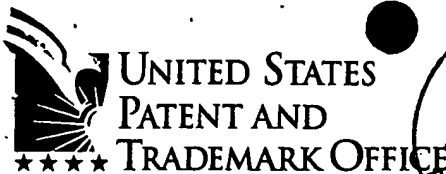
RECEIVED

APR 29 2002
TECHNOLOGY CENTER R3700

RECEIVED

MAY 09 2002

GROUP 3600



MARCH 14, 2002

PTAS
ADVANCED TECHNOLOGY MATERIALS, INC.
OLIVER A. ZITZMANN
7 COMMERCE DRIVE
DANBURY, CT 06810

COPY OF PAPERS
ORIGINALLY FILED

Chief Information Officer
Washington, DC 20231
www.uspto.gov



101956775A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/10/2002

REEL/FRAME: 012477/0257
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ATMI CORPORATION

DOC DATE: 10/25/2001

ASSIGNEE:

ADVANCED TECHNOLOGY MATERIALS,
INC.
7 COMMERCE DRIVE
DANBURY, CONNECTICUT 06810

RECEIVED

APR 29

TECHNOLOGY

SERIAL NUMBER: 09880472
PATENT NUMBER:

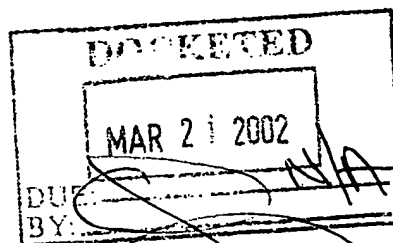
FILING DATE: 06/13/2001
ISSUE DATE:

RECEIVED

MAY 09 2002

GROUP 3600

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



01-23-2002

Docket Number
ATMI-0522

11/10/02 RECORDATI



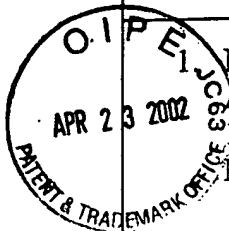
TO THE HONORABLE

AND TRADEMARKS:

Please record the attached original document or copy thereof.

101956775

2002



1. Name of conveying party (ies):

ATMI Corporation

10779 Hampshire Avenue South
Minneapolis, Minnesota 55438-2359

2. Name and address of receiving party:

Advanced Technology Materials, Inc.
7 Commerce Drive
Danbury, Connecticut 06810Additional name(s) of conveying
party (ies) attached? ☐ Yes ☒ NoAdditional name(s) and addresses
attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name☐ Other _____Execution Date: October 25, 2001

RECEIVED

4. Application number(s) or patent number(s): U.S. Serial No. 09/880,472

APR 29 2002

TECHNOLOGY CENTER R3700

If this document is being filed together with a new application, the execution date of the
application is:

A. Patent Application No.(s)

B. Patent No.(s)

COPY OF PAPERS
ORIGINALLY FILEDAdditional numbers attached? ☐ Yes ☐ No5. Name and address of party to whom
correspondence concerning document
should be mailed:Oliver A. Zitzmann
Advanced Technology Materials, Inc.
7 Commerce Drive
Danbury, Connecticut 06810
Telephone: 203-794-11007. Total Fee (37 CFR 3.41): \$ 40☐ Enclosed☒ Authorized to be charged to deposit
account6. Total number of applications and patents
involved: 18. Deposit account number:
50-0860

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and
any attached copy is a true copy.*November 2, 2001

Date

Robert A. McLauchlan, III
Reg. No. 44,924

01/22/2002 6TOM11

00000065 09880472

01 FC:581

40.00 08

ASSIGNMENT

ATMI Corporation, having offices at 10779 Hampshire Avenue South, Minneapolis, Minnesota, 55438-2359, is the assignee pursuant to Attachment 1, and assignment recorded in United States Patent entitled "LIQUID HANDLING SYSTEM WITH ELECTRONIC INFORMATION STORAGE" filed in the United States Patent and Trademark Office, as U.S. Serial No. 09/880,472, filed on June 13, 2001.

Advanced Technology Materials Inc., for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the "Assignee", desires to acquire the entire right, title and interest in and to such inventions, such applications, all inventions disclosed in such applications, and any and all Letters Patents of the United States and of all other countries which may be granted for such invention or inventions, or any of them.

ATMI Corporation, hereby conveys, assigns and transfers to the Assignee its full and entire right, title and interest in and to such inventions and such application, including all priority rights arising therefrom, all inventions disclosed in such application, and any and all Letters Patents of the United States and of all other countries, together with the right to apply for such Letters Patents which may be granted for such invention, inventions, or any of them.

By this Assignment, the Assignee has, holds and enjoys such inventions, such application, and such Letters Patents, for its own use and benefit, to the full end of the term or terms for which such Letters Patents may be granted, as fully and entirely as the same would have been held and enjoyed by ATMI Corporation, had this assignment not been made.

On behalf of ATMI Corporation, the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue any and all Letters Patents which may be granted on such applications above referred to or for such inventions, or any of them, to the Assignee in accordance with the terms of this instrument.

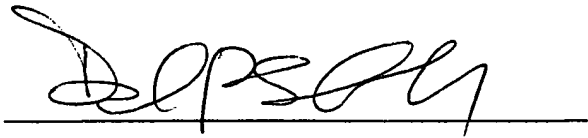
ATMI Corporation, hereby agrees to execute and sign without further consideration any other legal documents, and any other assignments and any divisional, continuing, renewal, reissue or other applications for all patents that may be appropriate and may be deemed necessary by the Assignee to fully secure to the Assignee its interests in such inventions or any part thereof and in such patents or any of them.

ATMI Corporation, further covenants and agrees ATMI Corporation that will communicate to the Assignee, its successors, assigns or other legal representatives, any facts known to ATMI Corporation relating to such invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

ATMI Corporation hereby covenants that ATMI Corporation has not hitherto assigned or granted any license to make, use or sell said invention, and that ATMI Corporation will not hereafter purport to assign, license or execute any instrument to that effect in conflict with this assignment.

October 25, 2001

Date

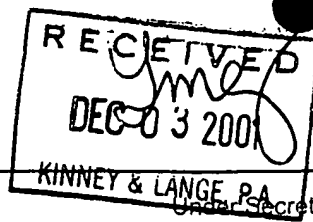
A handwritten signature in dark ink, appearing to read 'D. P. Sharkey', is written over a horizontal line.

Name: Daniel P. Sharkey

Title: CFO, Treasure and Secretary



UNITED STATES
PATENT AND
TRADEMARK OFFICE



NOVEMBER 20, 2001

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

KINNEY & LANGE, P.A.
PAUL P. KEMPF
312 SOUTH THIRD STREET
MINNEAPOLIS, MINNESOTA 55415-1002

COPY OF PAPERS
ORIGINALLY FILED



101849804A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/17/2001.

REEL/FRAME: 012170/0087
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

O'DOUGHERTY, KEVIN T.

DOC DATE: 08/28/2001

ASSIGNOR:

ANDREWS, ROBERT E.

DOC DATE: 09/04/2001

ASSIGNEE:

ATMI
10779 HAMPSHIRE AVENUE SOUTH
MINNEAPOLIS, MINNESOTA 55438-2359

SERIAL NUMBER: 09880472
PATENT NUMBER:

FILING DATE: 06/13/2001
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED

APR 29 2002

TECHNOLOGY CENTER R3700

OIP

09-17-01
03 3-2001

09-17-01

D\$

PATENT F



101849804

Attorney Docket No.: N95.12-0013 -- ks

9.12.01

To the Commissioner for Patents: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

- (1) Kevin T. O'Dougherty
(2) Robert E. Andrews
(3)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger ☐ Security Agreement
☐ Change of Name ☐ Other ____

Execution Date: August 28, 2001, September 4, 2001

2. Name and address of receiving party(ies):

Name: ATMI

Internal Address: _____

Street Address: 10779 Hampshire Avenue SouthCity: Minneapolis, State: Minnesota ZIP 55438-2359Additional name(s) & address(es) attached? ☐ Yes ☒ No

4A. Application No.(s)

09/880,472

If this document is being filed together with a new application, the execution date(s) of the application is: ____

Additional numbers attached? ☐ Yes ☒ No

4B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul P. Kempf
Street Address: Kinney & Lange, P.A.
312 South Third Street
City: Minneapolis State: MN ZIP 55415-1002


6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41):.....\$ 40.00

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.


Paul P. Kempf

Date

9/12/01COPY OF PAPERS
ORIGINALLY FILED

Total number of pages including cover sheet, attachments and document: [3]

09/19/2001 LNUELLER 00000139 09880472

01 FC:581

40.00 CP

RECEIVED

APR 29 2002

TECHNOLOGY CENTER R3700

REC

APR 29

TECHNOLOGY CENTER

N95.12-0013

STATE OF Massachusetts)
) ss.
COUNTY OF Middlesex)

Subscribed and sworn to before me, a Notary Public, this 4th day of September, 2001.

(SEAL)

Dorothy A. Risser
Dorothy A. Risser, Notary Public
My Comm Expires July 19, 2002